

Attn: Dr. Amrhein
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Docket No.: NHL-SCT-16

ZINC-CONTAINING OPTICAL GLASS MATERIALS

ABSTRACT OF THE DISCLOSURE

Zinc-containing optical glass materials with a refractive index n_d between 1.52 and 1.66, an Abbe number v_d of between 35 and 54 and a composition (in % by weight based on oxide) of: SiO_2 38 - 58, ZnO 0.3 - 42, PbO 0 - <30, $\text{ZnO}+\text{PbO}$ 20 - 55, Li_2O 0 - <3, Na_2O 0 - 14, K_2O 0 - 12, $\text{Li}_2\text{O}+\text{Na}_2\text{O}+\text{K}_2\text{O} \geq 2$, F 0 - 3, MgO 0 - 6, CaO 0 - <5, SrO 0 - 6, BaO 0 - <0.9, B_2O_3 0 - <1, Al_2O_3 0 - <1.5 and ZrO_2 0 - <2 and, if appropriate, refining agents in the customary amounts.

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